

# EXAMINER'S SEARCH NOTES

BRS L1 20 crider-m\$.in. US-PGPUB; USPAT  
 BRS L2 2 ("6495089").URPN. USPAT  
 BRS L3 0 ("6629834").URPN. USPAT  
 BRS L4 28 ("3086249" | "3359602" | "3369690" | "3409710" | "3432586" | "3679785" | "3802823"  
 | "3862698" | "3983199" | "4082827" | "4733801" | "4861542" | "5044923" | "5165558" | "5213753" |  
 "5275780" | "5551862" | "5553732" | "5681597" | "5762859" | "5865338" | "6290094" | "6495089").PN.  
 US-PGPUB; USPAT; USOCR  
 BRS L5 30 ("3086249" | "3359602" | "3369690" | "3409710" | "3679785" | "3983199" | "4082827"  
 | "4382058" | "4453911" | "4486164" | "4486379" | "4733801" | "5008066" | "5038454" | "5044923" |  
 "5106569" | "5165558" | "5213753" | "5275780" | "5553732" | "5601214" | "5662245" | "5762859" |  
 "5865338" | "5885517" | "6290094").PN. US-PGPUB; USPAT; USOCR  
 BRS L6 38 4 or 5 US-PGPUB; USPAT; USOCR  
 IS&R L7 3 (("2086249") or ("6290094") or ("4733801")).PN. USPAT  
 IS&R L8 3 (("3086249") or ("6290094") or ("4733801")).PN. USPAT  
 IS&R L9 499 (425/535).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 IS&R L10 241 (425/537).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 IS&R L11 550 (425/541).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L12 34 9 and ((first and second) NEAR10 (pin or needle)) US-PGPUB; USPAT; USOCR; EPO;  
 JPO; DERWENT; IBM\_TDB  
 BRS L13 37 9 and ((two or dual) NEAR10 (pin or needle)) US-PGPUB; USPAT; USOCR; EPO;  
 JPO; DERWENT; IBM\_TDB  
 BRS L14 57 12 or 13 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L15 8 ("5229043").URPN. USPAT  
 BRS L16 0 ("6358462").URPN. USPAT  
 BRS L17 5 ("3694424" | "3910746" | "3937610" | "5229043" | "5498390").PN. US-PGPUB;  
 USPAT; USOCR  
 BRS L18 28 ("3065501" | "3450805" | "3505440" | "3505442" | "3520020" | "3576929" | "3661483"  
 | "3666849" | "3694424" | "3789093" | "3888961" | "4164523" | "4367187" | "4370283" | "4382052" |  
 "4394333" | "4406845" | "4472131" | "4488863" | "4617077" | "4623497" | "4883631").PN. US-PGPUB;  
 USPAT; USOCR  
 BRS L19 32 17 or 18 US-PGPUB; USPAT; USOCR  
 BRS L20 31 19 not 14 US-PGPUB; USPAT; USOCR  
 IS&R L21 359 (264/531).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 IS&R L22 208 (264/534).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L23 529 21 or 22 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L24 18 23 and ((first and second) NEAR10 (pin or needle)) US-PGPUB; USPAT; USOCR; EPO;  
 JPO; DERWENT; IBM\_TDB  
 BRS L25 20 23 and ((two or dual) NEAR10 (pin or needle)) US-PGPUB; USPAT; USOCR; EPO;  
 JPO; DERWENT; IBM\_TDB  
 BRS L27 24 23 and 9 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L26 33 24 or 25 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L29 9 ("3492106").URPN. USPAT  
 BRS L30 5 ("5565165").URPN. USPAT  
 BRS L31 14 ("3089185" | "3114931" | "3338998" | "3450805" | "3492106" | "3592886" | "4025276"  
 | "4092389").PN. US-PGPUB; USPAT; USOCR  
 BRS L32 6 ("3534435").URPN. USPAT  
 BRS L33 3 ("6319453").URPN. USPAT  
 BRS L34 40 ("3024947" | "3080094" | "3120679" | "3134505" | "3347410" | "3534435" | "3655096"  
 | "3870147" | "3966089" | "4177938" | "4217328" | "4265372" | "4355739" | "4419323" | "4518558" |  
 "4618076" | "4679706" | "4705191" | "4746283" | "4793475" | "4832230" | "4893730" | "4925066" |

"4979638" | "5012978" | "5052585" | "5056685" | "5135702" | "5337921" | "5375769" | "5398846" |  
 "5421483" | "5439141" | "5529216").PN. US-PGPUB; USPAT; USOCR  
 BRS L35 23583 425/5\$2.ccls. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L36 21753 264/5\$2.ccls. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L37 42587 35 or 36 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L38 1014 37 and ((first and second) NEAR10 (pin or needle)) US-PGPUB; USPAT; USOCR; EPO;  
 JPO; DERWENT; IBM\_TDB  
 BRS L39 1368 37 and ((two or dual) NEAR10 (pin or needle)) US-PGPUB; USPAT; USOCR; EPO;  
 JPO; DERWENT; IBM\_TDB  
 BRS L40 1961 38 or 39 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L41 347 40 and ((blow or blowing or blown) NEAR10 (pin or needle)) US-PGPUB; USPAT;  
 USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L43 297 41 not 14 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L44 272 43 not 26 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB  
 BRS L45 18 crider-m\$.in. USOCR; EPO; JPO; DERWENT; IBM\_TDB

US 20040091565 A1 US-PGPUB 20040513 11 Blow-molded container and closure, and  
 method and apparatus for making same 425/535 425/541 Crider, Matthew A.  
 US 20030042219 A1 US-PGPUB 20030306 11 Blow-molded container and closure, and  
 method and apparatus for making same 215/321 264/161; 264/334; 264/531; 264/540;  
 425/537; 425/538 Crider, Matthew A.  
 US 6495089 B1 USPAT20021217 10 Blow-molded container and closure, and method  
 and apparatus for making same 264/531 264/534; 264/540 Crider; Matthew A.  
 US 6629834 B2 USPAT20031007 9 Apparatus for making a plastic container and  
 closure combination 425/532 Cargile; David W. et al.  
 US 6290094 B1 USPAT20010918 9 Integrally blow-molded container and closure  
 220/839 215/235; 220/819; 220/826; 264/531; 264/539 Arnold; Jay et al.  
 US 4733801 A USPAT19880329 10 Method of and means for manufacture of a dispenser for  
 viscous or semi-viscous materials 222/107 215/235; 220/839; 222/215; 222/556; 249/146;  
 264/328.7; 425/577 Scammell; John F.  
 US 3086249 A USPAT19630423 9 Method of producing composite plastic articles [TEXT  
 AVAILABLE IN USOCR DATABASE] 264/513 215/306; 215/42; 215/43; 215/44; 220/375;  
 220/834; 220/839; 264/250; 264/294; 264/514; 264/537; 264/542 NELSON JOHN R et al.  
 US 3300556 A USOCR19670124 5 Method of producing hollow bodies in a blowing process  
 264/529 264/155; 264/156; 264/533; 425/525; 425/535 WERNER BATTENFELD et  
 al.  
 US 4770839 A USPAT19880913 8 Reverse parison draping for blow molding  
 264/526 264/515; 264/529; 264/531; 264/534; 264/540; 425/525; 425/532 Legge;  
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 US 3492106 A USPAT19700127 5 TWO NEEDLE BLOW MOLDING PROCESS AND  
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 264/540; 65/166; 65/261; 65/300 HICKS FRED et al.  
 US 3534435 A USOCR19701020 14 APPARATUS FOR SIMULTANEOUSLY BLOW MOLDING  
 AND COMPRESSION MOLDING PLASTIC CONTAINERS 425/524 264/529; 264/531; 264/536;  
 264/540; 425/163; 425/532 JOHN FREDERICK W  
 US 5565165 A USPAT19961015 14 Method for blow molding hollow articles  
 264/526 264/529; 425/536 Matsuhashi; Setsu  
 US 6319453 B1 USPAT20011120 14 Method of making a multiple neck spray bottle  
 264/504 264/523; 264/537; 264/540 Klima, Jr.; Walter F. et al.  
 US 6916442 B2 USPAT20050712 7 Process and device for the extrusion-moulding of  
 hollow bodies made of a thermoplastic 264/540 264/542; 425/532; 425/534  
 Dupont; Serge et al.  
 US 6659750 B1 USPAT20031209 12 Blow mold with removable inserts 425/3  
 249/102; 425/503; 425/510; 425/522; 425/531; 425/DIG.33; 425/DIG.58 Overmyer; Shawn L.  
 et al.

US 6048192 A	USPAT20000411	17	Apparatus for blow molding hollow articles	
425/536	425/540		McGlynn; Daniel F. et al.	
US 5454997 A	USPAT19951003	12	Method of manufacture improved appliance doors and panels	Karlin; James et al.
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US 5049224 A	USPAT19910917	17	Method of fabricating pipe units	156/294
	156/304.2; 264/512; 264/515; 264/516; 29/428; 29/451; 29/890.14; 425/503; 425/525			
	Umezawa; Yoshinori et al.			
US 4990083 A	USPAT19910205	8	Nozzle for injection molding machines	
425/547	264/328.16; 264/328.8; 264/328.9; 264/572; 425/562; 425/564; 425/566; 425/577			
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US 4968242 A	USPAT19901106	8	Apparatus for tandem molding of plastic containers	
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US 4954310 A	USPAT19900904	8	Tandem molding of plastic containers	264/520
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US 4759708 A	USPAT19880726	10	Apparatus for extrusion blow molding of compartmented containers using dual cooled blow pins	Hestehave;
			425/526 425/536; 425/538	
			Borge et al.	
US 4116608 A	USPAT19780926	10	Apparatus for forming a blown plastic container	
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US 3695799 A	USPAT19721003	12	APPARATUS FOR VACUUM FORMING HOLLOW ARTICLES FROM TWO SHEETS OF THERMOPLASTIC MATERIAL	
			425/504 425/292; 425/388;	
			425/395; 425/397; 425/506; 425/512; 425/513; 425/519	Held, Jr.; Edward C.
US 5229043 A	USPAT19930720	6	Blow molding method and apparatus employing pressurized liquid cryogen vaporized by recovered gaseous cryogen	
			264/37.16 264/37.17; 264/526;	
			264/528; 264/85; 425/526; 425/535	Lee; Ron C.
US 6358462 B1	USPAT20020319	7	Method of manufacturing a liquid cooled blow molded article	
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